

Abstract of the Disclosure

5 A prosthesis assembly for deployment in an aorta to span an aortic aneurysm. The prosthesis assembly has at least first and second members (2,4) with an end portion (12) of one member (2) to be joined to an end portion (24) of the other member (4) when in and when expanded within a lumen of a patient. Each member (2,4) has a stent arrangement (10,25) associated with a graft arrangement (8,26). The end portion of one member has at least part of its stent arrangement on the inner surface of its graft arrangement and the end portion of the other member has at least part of its
10 stent arrangement on the inner surface of its graft arrangement.

Advantageously two stents are overlapped. The joining portions of the first and second members can have the same diameter.